



PATENT ABSTRACTS OF JAPAN

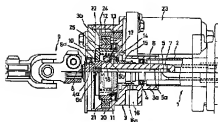
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B62D 5/04(21) Application number: **08073023**(71) Applicant: **FUJI KIKO CO LTD**(22) Date of filing: **28.03.96**(72) Inventor: **SHIBAYAMA KAZUYA****(54) ELECTRIC POWER STEERING DEVICE****(57) Abstract:**

PROBLEM TO BE SOLVED: To provide a compact electric power steering device using a special theoretical tooth form gear.

SOLUTION: In an electric power steering device in which the rotation of a steering shaft 5 is assisted through a speed reduction mechanism which consists of the output gear 22 of an electric motor 23 fixed to the shaft 5, the electric motor 23 is arranged parallel to a steering column 1, and the gear of the above speed reduction mechanism is formed of a spur gear or a helical gear of a special theoretical tooth form, and a guide plate 24 is fitted to the shafts of an output gear 22 and a driven gear 21 in a housing 3 to house the speed reduction mechanism, rotatable respectively, is provided to compose the electric power steering device.



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